

228-716

11/20/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

NOV 20 2012

Mr. Matthew Granahan  
Nufarm Americas Inc.  
150 Harvester Dr., Suite 200  
Burr Ridge, IL 60527

Subject: Notification per PR Notice 98-10  
Panther Selective Herbicide  
EPA Reg. No. 228-716  
Application dated October 24, 2012  
Change of primary brand name

Dear Mr. Granahan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 of the subject product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been date-stamped "Notification" and will be placed in our records.

The primary brand name change to "NUP-11032" has been added to your file.

If you have any questions, please contact me at 703-305-5410.

Sincerely,

Hope Johnson  
PM Team 23  
Herbicide Branch  
Registration Division (7505P)

<p>United States <b>Environmental Protection Agency</b> Washington, DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 228-716	2. EPA Product Manager Kathryn Montague	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) NUP-11032 Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Americas Inc. 150 Harvester Drive, Suite 200 Burr Ridge, IL 60527 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical to the product for which registration and labeling to: EPA Reg. No. _____ <b>NOV 20 2012</b> Product Name _____

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
 Label Notification consistent and 98-10, see cover letter for detailed explanation. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per container	If "Yes" Package wgt    No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 24 oz, 1 Qt, 1 Pt, 1/2, 1, 1-1/3, 2-1/2, 5, 30, 55, 110, 220, 250 Gallons, Bulk		5. Location of Label Directions <input checked="" type="checkbox"/> _____	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled				<input checked="" type="checkbox"/> Other Self-Adhesive Integrated Label/Booklet	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Matt Granahan	Title Regulatory Manager	Telephone No. (Include Area Code) (630) 455-2048
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  <b>(Stamped)</b>
2. Signature 	3. Title Regulatory Manager	
4. Typed Name Matt Granahan matthew.granahan@us.nufarm.com	5. Date 10/24/2012	



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Nufarm Americas Inc.

150 Harvester Drive, Suite 200

Burr Ridge, IL 60527

Telephone: (630) 455.2000 Facsimile: (630) 455.2001

www.us.nufarm.com

October 24, 2012

Via Overnight Courier

Kathryn Montague (PM-23)  
U. S. Environmental Protection Agency (7504P)  
Document Processing Desk (NOTIF)  
Room S4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

**NOTIFICATION**

**NOV 20 2012**

**Subject: EPA Reg. No. 228-716  
Notification per PRN 98-10  
PBNC to NUP-11032 Herbicide**

Dear Ms. Montague:

Nufarm Inc. would like to change the Primary Brand name from Panther Selective Herbicide to NUP-11032 Herbicide for the registration of EPA Reg. No. 228-716. This new Primary Brand Name (NUP-11032 Herbicide) is not false or misleading.

This Notification is thought to be consistent with PRN 98-10 and as such no PRIA fee has been rendered.

To process this request please find enclosed the following:

- Application for Pesticide Registration EPA Form 8570-1
- Revised Label – Highlighted and Clean (1 Copy of each)
- Label Certification Form

If you should have any questions regarding this matter, please feel free to contact me at (630) 455-2048 or [matthew.granahan@us.nufarm.com](mailto:matthew.granahan@us.nufarm.com).

Sincerely,

Matthew Granahan  
Regulatory Manager  
Nufarm Americas Inc.

cc: [illegible]

cc: [illegible]

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# NUP-11032

NOTIFICATION

NOV 20 2012

## Herbicide

[CONTROLS] [KILLS] [STOPS] [CRABGRASS] [BERMUDAGRASS\*] [POST EMERGENT LISTED GRASS WEEDS] [LISTED BROADLEAF WEEDS] [PLUS]] [AND] [OTHER LISTED WEEDS] [IN ONE EASY STEP] [TO THE ROOT]

[\*When following instructions in the Bermudagrass Spray Program]

[[CONTROLS] [KILLS] [STOPS] CRABGRASS PLUS BROADLEAF WEEDS!]

[FOR OUTDOOR RESIDENTIAL USE ONLY] [FOR HOME [LAWN] [TURF] CARE]

[[1] [ONE] [PINT] [PT.] [COVERS] [TREATS] 2,500 [SQ. FT.] [SQUARE FEET]]

[APPLY [1] [ONE] [PINT] [PT.] OVER 2,500 [SQ. FT.] [SQUARE FEET]]

[[1] [ONE] [QUART] [QT.] [COVERS] [TREATS] 5,000 [SQ. FT.] [SQUARE FEET]]

[APPLY [1] [ONE] [QUART] [QT.] OVER 5,000 [SQ. FT.] [SQUARE FEET]]

[[2] [TWO] [QUARTS] [QT.] [COVERS] [TREATS] 10,000 [SQ. FT.] [SQUARE FEET]]

[APPLY [2] [TWO] [QUARTS] [QT.] OVER 10,000 [SQ. FT.] [SQUARE FEET]]

[[1] [ONE] [GALLON] [GAL.] [COVERS] [TREATS] 20,000 [SQ. FT.] [SQUARE FEET]]

[APPLY [1] [ONE] [GALLON] [GAL.] OVER 20,000 [SQ. FT.] [SQUARE FEET]]

[[2.5] [ONE] [GALLON] [GAL.] [COVERS] [TREATS] 50,000 [SQ. FT.] [SQUARE FEET]]

[APPLY [2.5] [2 1/2] [GALLON] [GAL.] OVER 50,000 [SQ. FT.] [SQUARE FEET]]

### ACTIVE INGREDIENTS:

Fenoxaprop-p-ethyl*	0.5465%
Triclopyr TEA**	0.7624%
Dicamba acid***	0.5465%

OTHER INGREDIENTS: ..... 98.1446%

TOTAL: ..... 100.0000%

\*Contains 5.52 grams per liter or 0.046 pounds per U.S. gallon of the active ingredient Fenoxaprop-p-ethyl.

\*\*Contains 5.52 (7.70) grams per liter or 0.046 (0.064) pounds per U.S. gallon of the active Triclopyr TEA acid (Triclopyr TEA salt).

\*\*\*Contains 5.52 grams per liter or 0.046 pounds per U.S. gallon of the active Dicamba acid.

### KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

SEE [INSIDE BOOKLET] [NEXT PANEL] [BELOW] FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-716  
EPA EST. NO.

NET CONTENTS:

[Designation as "NONREFILLABLE" or "REFILLABLE" for containers > 5 GAL]

000228-00716.20121011.EPA Notification (PBNC)

MANUFACTURED FOR  
NUFARM AMERICAS INC.  
150 HARVESTER DRIVE  
BURR RIDGE, IL 60527



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION / PRECAUCION**

Causes moderate eye irritation. Avoid contact with eyes and clothing. Wear protective eyewear, long-sleeved short and long pants, socks and shoes. This product may cause skin sensitization reactions in some people.

Do not allow people other than applicator or pets on treatment area during application and until spray has dried.

**USER SAFETY RECOMMENDATIONS**

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove protective clothing and equipment immediately after handling this product. Keep and wash protective clothing and equipment separately from other laundry.

**FIRST AID**

**IF IN EYES**

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply to water. Do not apply when weather conditions favor runoff or drift. Drift or runoff may harm aquatic invertebrates and non-target plants. Do not contaminate water when disposing of equipment washwater or rinsate. To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read the entire label before using this product. Use strictly in accordance with label precautionary statements and directions.

[STOP!] READ ENTIRE LABEL FIRST. OBSERVE ALL RESTRICTIONS AND PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.]

Shake well before using.

**Entry Restriction:** Do not allow people or pets to enter the treated area until sprays have dried.

**USE PRECAUTIONS**

For use on Annual bluegrass\*, Kentucky bluegrass\*, Perennial ryegrass, Fine fescue, Tall fescue [and] [&] Zoysiagrass [lawns] [turf].

\* *Temporary [discoloration] [yellowing] [injury] may occur on Annual bluegrass and Kentucky bluegrass [lawns] [turf] [but they will recover] [but full recovery can be expected].*

Avoid drift of spray mist to vegetables, flowers, ornamental plants, shrubs, trees and other desirable plants.

**APPLICATION RESTRICTIONS**

Avoid contact with eyes, skin, or clothing during and after application.

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

Do not pour spray solutions near desirable plants.

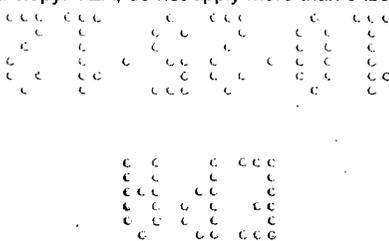
Do not spray within the drip line of any ornamental trees or shrubs.

Do not spray exposed roots of ornamental trees or shrubs.

Do not [apply to] [and] [&] [use on] the following:

- Bermudagrass, Bentgrass, St. Augustine (including Floratam), Centipede or Bahia [lawns] [turf].
- Gardens including vegetable, fruit trees, vines and berries.
- Ornamental plants (flowers, trees, groundcovers, landscape beds and shrubs).

When tank mixing or applying more than one application of product containing triclopyr TEA, do not apply more than 9 lbs. ae of triclopyr TEA per acre per year.



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### PRODUCT INFORMATION

[This product [kills] [controls] [stops] [crabgrass] [bermudagrass<sup>v</sup>] [post emergent listed grass weeds] [and] [&] [plus] [other listed weeds] to the root and will not [harm] [injury] [hurt] your [lawn] [turf] when used as directed.]

[This product is ideal if you have [crabgrass] [bermudagrass<sup>v</sup>] [post emergent listed grass weeds] [and] [&] [plus] [other other listed weeds] [invading] [[on] [your] [lawn] [turf] [or if you missed your pre-emergent crabgrass control application] [and will not [harm] [injury] [hurt] [your] [lawn] [turf] when used as directed].]

[The convenient sprayer connects to a garden hose and automatically dispenses the [crabgrass] [bermudagrass<sup>v</sup>] [post emergent listed grass weeds] [listed broadleaf weeds] [and] [&] [plus] [other listed weeds] killer.]

[[This] [1] [One] [Pint] [Pt.] [16] [sixteen] [fl.oz.] [fluid ounce] [bottle] [treats] [covers] 2,500 [sq. ft.] [square feet] of [lawn] [turf].]

[[This] [1] [One] [Quart] [Qt.] [32] [thirty two] [fl.oz.] [fluid ounce] [bottle] [treats] [covers] [an average size lawn] 5,000 [sq. ft.] [square feet] of [lawn] [turf].]

[[This] [2] [Two] [Quarts] [Qt.] [64] [sixty four] [fl.oz.] [fluid ounce] [bottle] [treats] [covers] 10,000 [sq. ft.] [square feet] of [lawn] [turf].]

[[This] [1] [One] [Gallon] [Gal.] [128] [fl.oz.] [fluid ounce] [bottle] [treats] [covers] 20,000 [sq. ft.] [square feet] of [lawn] [turf].]

[[Controlling] [Killing] [Stopping] [crabgrass] [bermudagrass<sup>v</sup>]] [post emergent listed grass weeds] [listed broadleaf weeds] [and] [&] [plus] [other listed weeds] in your lawn has never been easier!

[~~W~~When following instructions in the Bermudagrass Spray Program section of label.]

### PRODUCT FACTS

#### WHAT IT DOES

[Kills] [Controls] [Stops] [crabgrass] [bermudagrass<sup>v</sup>]] [post emergent listed grass weeds] [foxtail] [sandbur] [Japanese stiltgrass] [other grass weeds] [and] [&] [plus] [other listed weeds]

[Kills] [Controls] [Stops] [major] [broadleaf(s)] [weeds] [and] [troublesome] [grass(es)] [weeds] including [dandelion], [chickweed] [and] [&] [plus] [clover] [as well as] [crabgrass] [foxtail] [sandbur] [Japanese stiltgrass] [other grass weeds] [and] [&] [plus] [other listed weeds]]

[~~W~~When following instructions in the Bermudagrass Spray Program section of label.]]

#### WHERE TO USE

[Use on [lawns] [turf] without harming the grass. ‡

‡ Do not use on Bermudagrass, Bentgrass, St. Augustine (including Floratam), Centipede, or Bahia [lawns] [turf].]

[[Lawns:] [Turf:] [Kills] [Controls] [Stops] the weeds not the [lawn] [turf] when used as directed. (icon weeds)]

#### HOW MUCH TO USE

[[This] [1] [One] [Quart] [Qt.] [bottle] [treats] [covers] [an average size lawn] 5,000 [sq. ft.] [square feet].]]

[[This] [1] [One] [Pint] [Pt.] [bottle] [treats] [covers] 2,500 [sq. ft.] [square feet].]]

[[This] [1] [One] [Gallon] [Gal.] [bottle] [treats] [covers] 20,000 [sq. ft.] [square feet].]]

#### HOW TO USE

Shake well before using.

[Just hook bottle to hose and you are ready.]

[The convenient sprayer connects to a garden hose and automatically dispenses the [crabgrass] [bermudagrass] [post emergent listed grass weeds] [listed broadleaf weeds] [and] [&] [plus] [other listed weeds] killer.]

[Pre-mixed and ready to spray.]

[Just hook to hose [and spray].]

[No mixing and measuring.]]

#### QUESTIONS & COMMENTS:

[[Icon Phone]] [[Icon Computer]]

[Call 1-(XXX-XXX-XXXX)] [or] [visit our Website at www.(xxxxxxx).com]]

#### HOW IT WORKS

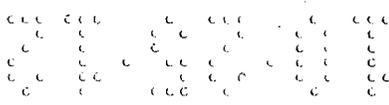
[This product contains proven [3] [three] weed killers that target [lawn] [turf] weeds and crabgrass. [This] [The] [Herbicide] enters weeds through their leaves and moves throughout the plant to provide control. And [lawns] [turfgrasses] listed on this label will not be [harm] [injury] [hurt] when used as directed.]]

[This product contains a weed killer proven to [control] [kill] [stop] [crabgrass] [bermudagrass<sup>v</sup>]] [post emergent listed grass weeds] [listed broadleaf weeds] [and] [&] [plus] [other listed weeds] down to the roots without harming the [lawn] [turf].]

[~~W~~When following instructions in the Bermudagrass Spray Program section of label.]]

[This product is absorbed by the weed leaves therefore thorough coverage is important to ensure best control.]

[Visible effects usually appear within 4 – 10 days as yellowing [and/or] [&/or] reddening of grasses and/or stem curling and leave twisting of broadleaf weeds.]]



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### WHERE TO USE

This product can be applied [to residential lawns] [for home [lawn] [turf] use].

#### [KILLS] [CONTROLS] [STOPS] THE FOLLOWING GRASS WEEDS:

Barnyardgrass	Crabgrass, smooth	Japanese stiltgrass	Panicum species
Common bermudagrass*	Foxtail species	Johnsongrass, rhizome*	Sandbur
Crabgrass, large	Goosegrass	Johnsongrass, seedling	Sprangletop

\* Suppression Only

#### [KILLS] [CONTROLS] [STOPS] THE FOLLOWING BROADLEAF WEEDS:

Bedstraw	Dogfennel	Mustards	Sweetclover
Buttercup	English daisy	Oxalis*	Thistle
Burclover	Florida pusley	Parsley piert	Vetch, common
Carpetweed	Geranium, Carolina	Pennywort	White clover
Catsear*	Ground ivy*	Plantains*	Wild carrot
Chickweeds	Henbit	Purslane, common	Wild garlic
Cudweed	Hop clover	Ragweed	Wild onion
Curly dock	Knotweed	Sorrel, red (sheep)	Yarrow
Dandelion	Lambsquarters	Spurge, prostrate	Vetch, common

\* Suppression Only

### WHEN TO [USE] [APPLY]

[Apply] [Spray] [this product] when weeds are small and actively growing and temperature is below 90°F.

Before treating new or renovated lawns

- New grass seedlings must be at least 1 month old (3 months old for Kentucky bluegrass).
- Kentucky bluegrass sod must be at least 1 month since installation.

Treated fescue and perennial ryegrass lawns may be re-seeded immediately after application; however wait 3 weeks after application to Kentucky bluegrass re-seeding.

Applications to dense populations of broadleaf weeds may require a second treatment.

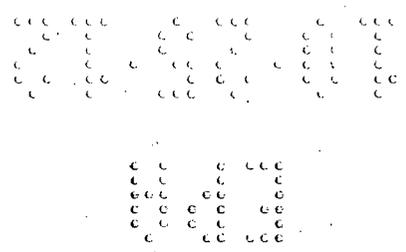
**MOWING:** Do not mow for [24] [twenty four] [hours] [1] [one] [day] after [spraying] [application].

**WATERING:** If lawn is dry, water [1] [one] [to] [-] [2] [two] days before or within [1] [one] day after using this product. Rain or watering [1] [one] [hour] [60] [min.] [minutes] after application will not wash away effectiveness.

### BERMUDAGRASS SPRAY PROGRAM

To control Bermudagrass, up to [five] [5] applications spaced one month apart may be required. Make the first application in the spring when the Bermudagrass begins to green up. Repeat the following growing season if necessary.

Do not make more than [five] [5] applications per year.



**HOW TO USE**

**{OPTION 1}**

**[[THE] [ENTIRE LAWN TREATMENT(S)] [WITH] [DIAL TYPE HOSE-END SPRAYERS]**

[Three Easy Steps To Mix and Apply.]

**FILL**

1. [Determine] [Measure] the total [lawn] [area] to be sprayed. For rectangular areas, multiply the length by the width to obtain the total [sq.ft.] [square feet].
2. The application rate for this product is 6.4 [fl.oz.] [fluid ounces] ((13) [thirteen] [Tbs.] [Tablespoons]) [treats] [covers] 1,000 [sq.ft.] [square feet] [of lawn]. Add an adequate amount of herbicide to the spray bottle to treat the total [lawn] [area] [, or add 6.4 [fl.oz.] [fluid ounces] ((13) [thirteen] [Tbs.] [Tablespoons]) 1,000 [sq.ft.] [square feet] of [lawn] [area].
3. Do not add water to the sprayer jar.

**SET THE DIAL**

1. For hose-end sprayers: Set the dial to the rate per [gal, [gallon] and keep the dial set to this setting while spraying [the lawn].
2. The dial setting rate per [gal.] [gallon] for this product is [2.5] [2 ½] [[fl.]oz.] [[fluid] ounces] of product per [gal.] [gallon] of water.

Types of Hose-End Sprayers	Dial Setting
Ortho Dial 'N Spray <sup>®</sup> Hose -End Sprayer	[2.5] [2 ½] [oz.] [ounces]
Hudson <sup>®</sup> Hose End Liquid Concentrate Sprayer	[2.5] [2 ½] [fl.oz.] [fluid ounces]
Gilmour <sup>®</sup> Dial-A-Mix <sup>®</sup> Lawn and Garden Sprayer	[15 teaspoons] [or] [5 Tablespoons]

**SPRAY**

1. Apply evenly over the [lawn] [area].]

**{OPTION 2}**

**[[THE] [ENTIRE LAWN TREATMENT(S)] [WITH] [READY-TO-USE HOSE-END SPRAYERS]**

This product may be packaged as a ready-to-use product with no mixing. The retail plastic container is fitted with sprayer body that delivers spray droplets as a fixed rate.

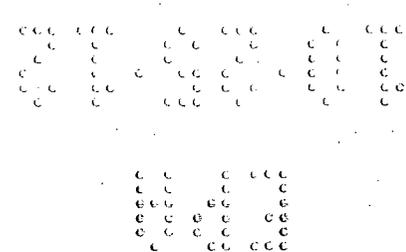
**For READY-TO-USE Hose End Sprayers:**

This retail spray bottle will cover the treated areas described below when this product is applied at 6.4 [fl.oz.] [fluid ounces] ((13) [thirteen] [Tbs.] [Tablespoons]) of product per 1,000 [sq.ft.] [square feet] [of lawn].

Species	Amount of product to Treat Approximate Area [Sq.Ft.] [Square Feet]				
	fl. oz. per 1,000 sq. ft.	1.0 pt. (16 fl. oz.)	1.0 qt. (32 fl. oz.)	2.0 qt. (64 fl. oz.)	1.0 gal. (128 fl. oz.)
Annual bluegrass*, Kentucky bluegrass*, Perennial ryegrass, Fine fescue, Tall fescue and Zoysiagrass lawns. Do not use on Bermudagrass, Bentgrass, St. Augustine (including Floratam), Centipede or Bahia lawns.	6.4 fl. oz. / 1,000 sq. ft.	2,500 sq. ft.	5,000 sq. ft.	10,000 sq. ft.	20,000 sq. ft.
* Temporary [discoloration] [yellowing] [injury] may occur on Annual bluegrass and Kentucky bluegrass [lawns] [but they will recover] [but full recovery can be expected].					

**INSTRUCTIONS:**

1. **[AREA:]** [Determine] [Measure] the total [lawn] [turf] [area] to be sprayed. For rectangular areas, multiply the length by the width to obtain the total [sq.ft.] [square feet].
2. **[CONNECT:]** Remove bottle cap and screw the spray nozzle onto the bottle. {Attach} [Connect] [garden] hose to spray nozzle. [Turn] [Rotate] the spray nozzle lever to the OFF position.
3. **[SPRAY:]** Turn on water [at faucet]. Extend [garden] hose to the farthest area of [lawn] [turf] to be treated. To begin spraying, [turn] [rotate] the spray nozzle level to the SPRAY position. This herbicide mixes automatically with [the] water. Walk at a steady pace while spraying evenly [and working towards the faucet].  
[Refer to view strip [graduated scale] on side of container to guide coverage.]
4. **[FINISH:]** To stop spraying, [turn] [rotate] spray nozzle level to OFF position. Turn off water [at faucet]. To relieve pressure, [turn] [rotate] spray nozzle to the ON position and point sprayer away from any desirable plants before disconnecting the spray nozzle from the [garden] hose.



{OPTION 3}

[[THE] [ENTIRE LAWN TREATMENT(S)] [WITH] [THE] [ORTHO] [READY-SPRAY [II] [2] SYSTEM]

1. [Determine] [Measure] the total [lawn] [turf] [area] to be sprayed. For rectangular areas, multiply the length by the width to obtain the total [sq.ft.] [square feet].
2. See below [directions] [instructions] for the ready-to-use hose end sprayer.
3. Spray evenly over the entire measured area.]

**CONNECT**

1. [Shake well before using.]
2. Connect sprayer to the hose.
3. Turn on water.
4. [Extend hose to the farthest area of the lawn to be treated.]

**SPRAY**

1. [Extend hose to the farthest area to be treated, point sprayer nozzle in direction to be sprayed.]
2. Begin spraying [press lock tab while using other hand to turn sprayer to ON position] [turn sprayer valve to ON position] [Bend small plastic tab back and turn knob clockwise to ON position].
3. [Walk at a steady pace while spraying, using an even sweeping motion, and slightly overlap the treated areas. Work back toward the faucet to avoid walking over wet, treated grass.]

**FINISH**

1. To STOP spraying, [press lock tab while using other hand to turn sprayer valve to OFF position] [turn sprayer valve to OFF position] [rotate the knob counterclockwise to the OFF position].
2. Turn off water [at faucet].
3. Relieve water pressure [in hose] by [turning sprayer valve back to [ON] [WATER] position] [bending the plastic tab back and turning knob to ON position] until water slows to a drip, then turn [sprayer valve] [knob] back to OFF position.
4. Disconnect sprayer from [the] hose.]]

{OPTION 4}

[[FOR CONCENTRATED BOTTLE]

**[PUMP-UP TANK SPRAYERS (Best for spot spraying individual weeds)]**

1. [Shake well before using.]
2. Add appropriate amounts of water & product to sprayer tank – 3.2 [fl.oz.] [fluid ounces] ((6 ½) [6.5] [Tbs.] [Tablespoons]) product in [1] [one] [Gal.] [Gallon] of water [treats] [covers] 500 [sq.ft.] [square feet].
3. Close sprayer, shake well & pressurize. Adjust nozzle to a coarse spray.

**Large Areas** – Apply evenly over area.

**Individual Weeds** – Hold tip of wand about [12] [twelve] ["] [inches] [1] [one] [ft.] [foot] from weed, aim at [the] center of [the] weed and spray.

4. Occasionally re-pressurize sprayer to maintain a good spray pattern.]

{OPTION 5}

[[FOR CONCENTRATED BOTTLE]

**[DIAL STYLE HOSE-END SPRAYERS (Best for spraying large areas of [the] lawn)]**

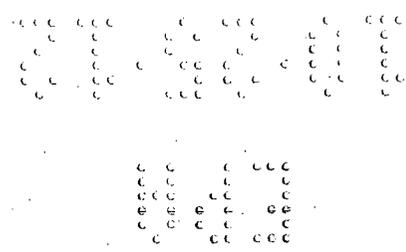
1. [Shake well before using.]
2. Fill sprayer jar with enough product for area to be treated – 3.2 [fl.oz.] [fluid ounces] ((6 ½) [6.5] [Tbs.] [Tablespoons]) product [treats] [covers] 500 [sq.ft.] [square feet]. DO NOT ADD WATER!
3. Close sprayer, set dial and apply.
4. Pour any unused product back into [this] [the] [its] original container.]

{OPTION 6}

[[FOR CONCENTRATED BOTTLE]

**[CONCENTRATE-PLUS-WATER HOSE-END SPRAYERS (Best for spraying large areas of [the] lawn)]**

1. Pour product into sprayer jar to the required fluid ounce level – 3.2 [fl.oz.] [fluid ounces] ((6 ½) [6.5] [Tbs.] [Tablespoons]) product [treats] [covers] 500 [sq.ft.] [square feet].
2. Add the appropriate amount of water to the gallons level.
3. Replace sprayer top, shake well and apply.]



**{OPTION 7}**

**[[HAND-OPERATED SPRAYERS]**

**For hand-operated sprayers (backpack, knapsack, tank-type or pump-up)**

1. Apply to actively growing grass and broadleaf weeds during the early growth stages.
2. Measure and mix the proper amount of product with water as described [below] [as follows]. Mix [3.2] [fl.oz. [fluid ounces]] ([6 ½] [6.5] [Tbs.] [Tablespoons]) of product with [1] [one] [gal.] [gallon] of water to [treat] [cover] 500 [sq.ft. [square feet]] of [lawn] [turf]. [See below for additional spray preparations.]
3. Spray evenly over the [lawn] [turf]. Spray coverage should be uniform and complete.

Amount of Product to Use	Amount of Water in Sprayer	Approximate Treatment Area
3.2 fl. oz.	1.0 gal.	500 sq. ft.
4.8 fl. oz.	1.5 gal.	750 sq. ft.
6.4 fl. oz.	2.0 gal.	1,000 sq. ft.
9.6 fl. oz.	3.0 gal.	1,500 sq. ft.

3.2 fl. oz. = 6.5 Tablespoons. 1 cup = 8.0 fl. oz. = ½ pint

**{OPTION 8}**

**[[HAND-OPERATED SPRAYERS]**

**For hand-operated sprayers (backpack, knapsack, tank-type or pump-up)**

Measure indicated amount of product and pour into tank. Dilute with water according to the following chart. Adjust nozzle to deliver coarse spray droplets and treat area indicated.

Amount of Product to Use	Amount of Water in Sprayer	Approximate Treatment Area
3.2 fl. oz.	1.0 gal.	500 sq. ft.
4.8 fl. oz.	1.5 gal.	750 sq. ft.
6.4 fl. oz.	2.0 gal.	1,000 sq. ft.
9.6 fl. oz.	3.0 gal.	1,500 sq. ft.

3.2 fl. oz. = 6.5 Tablespoons. 1 cup = 8.0 fl. oz. = ½ pint

**{OPTION 9}**

**[[FOR TANK SPRAYER]**

Add [2.5] [2 ½] [fl.oz.] [fluid ounces] ([5] [Tbs.] [Tablespoons]) per each 400 [sq.ft.] [square feet] [of [lawn] [turf] to be treated].

For broadcast application: Ortho Dial 'N Spray® Applicator

1. Add 16 [fl.oz.] [fluid ounces] of concentrate directly into sprayer jar. DO NOT ADD WATER.
2. Set dial to 2.5 oz.
3. Spray evenly over 2,500 [sq.ft.] [square feet].
4. Any unused portion should be poured back into [this] [the] [its] original container.].

**{OPTION 10}**

**[[THE] [ENTIRE LAWN TREATMENT(S)] [WITH] [THE] [ORTHO] [READY-SPRAY (II)] [2] SYSTEM]**

**CONNECT**

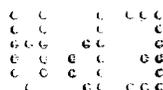
1. [Shake well before using.]
2. Connect sprayer to the hose.
3. Turn on water.
4. Extend hose to the farthest area of the lawn to be treated.

**SPRAY**

1. Extend hose to the farthest area to be treated, point sprayer nozzle in direction to be sprayed.
2. Begin spraying [press lock tab while using other hand to turn sprayer to ON position] [turn sprayer valve to ON position] [Bend small plastic tab back and turn knob clockwise to ON position].
3. [Walk at a steady pace while spraying, using an even sweeping motion, and slightly overlap the treated areas. Work back toward the faucet to avoid walking over wet, treated grass.]

**FINISH**

1. To STOP spraying, [press lock tab while using other hand to turn sprayer valve to OFF position] [turn sprayer valve to OFF position] [rotate the knob counterclockwise to the OFF position].
2. Turn off water [at faucet].
3. Relieve water pressure [in hose] by [turning sprayer valve back to [ON] [WATER] position] [bending the plastic tab back and turning knob to ON position] until water slows to a drip, then turn [sprayer valve] [knob] back to OFF position.
4. Disconnect sprayer from [the] hose.]]



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**{OPTION 11}**

**[FOR ORTHO WEED-B-GON MAX PLUS CRABGRASS CONTROL [KILLER] SINGLES:**

**For (Use a) Tank Sprayer:**

• Add entire contents (of 1 bottle) (5 oz.) to an empty 2-gallon tank sprayer. Slowly fill with 2 gallons of clean tap water.

**For Broadcast Application - Ortho® Dial 'N Spray® Applicator**

1. Set dial to 2.5 oz.
2. Add entire contents of 1 bottle (5 oz) directly into sprayer jar. DO NOT ADD WATER.
3. Spray evenly over 800 [sq.ft.] [square feet]

{Optional illustrations may be used in conjunction with the above steps for any Option.}

Over application or rates above those specified on this label can cause turf injury.

[Do not use utensils intended for food in measurement of [this] product.]

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry place, out of reach of children, preferable a locked storage cabinet. Protect product from freezing.

**PESTICIDE DISPOSAL:** Nonrefillable container. Do not reuse or refill this container.

**CONTAINER HANDLING: If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

**WARRANTY DISCLAIMER**

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

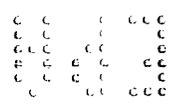
**LIMITATION OF LIABILITY**

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.**

(RV102412)

All other trademarks are the property of their respective owners.





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(XX) [pint(s)] [quart(s)] [gallon(s)] [teats] [covers] [up to] (XXXX) [sq.ft.] [square feet] of [grass]

Money Back Guarantee\*

\* If you are not completely satisfied with this product, we will refund your original purchase price.

Do not [apply to] [and] [&] [use on] [the following] [:] [Bermudagrass,] [Bentgrass,] [St. Augustine (including Floratam),] [Centipede] [Bahia] [lawns] [turf].

Do not [apply to] [and] [&] [use on] [the following] [:] [[Gardens] [including vegetable,] [fruit trees,] [vines] [and] [&] [berries].

Do not [apply to] [and] [&] [use on] [the following] [:] [ornamental] [ornamental plants,] [flowers,] [flower beds,] [trees,] [groundcovers,] [landscape beds] [and] [&] [shrubs].

[X]When following instructions in the Bermudagrass Spray Program section of label.]

**OPTIONAL ORTHO LANGUAGE:**

To the extent consistent with applicable law, the buyer assumes all risks of use, storage, or handling of this product not in accordance with directions.

Kills Weeds, Not Lawns™

Guaranteed Results†

† The ORTHO Guarantee

If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchased item.

ORTHO® & Your Environment

Your yard is a place for family and pets to enjoy. That's why Ortho® products are designed with care to provide effective solutions to weed problems. For best results, please follow instructions for appropriate usage, storage and disposal.

Makes more than (XX) Gallon(s)!

Kills Even Tough Weeds - Roots & All

Lawn Weed & Crabgrass Killer

Kills Dandelions, Clover, and Other Broadleaf Weeds! Plus Kills Crabgrass and Other grass-Weeds!

Kills the Toughest Weeds in these Lawns (any lawn listed on label)

Open Resealable Label for Directions & Precautions (Press to Reseal)

People or pets may reenter treatment area after spray has dried.

Ready-Spray

Do not use on [Bermudagrass] [Bentgrass] [St. Augustine [(including Floratam)]] [Centipede] [or] [and] [&] [Bahia] [lawns] [turf]

Ortho Weed-B-Gon MAX Concentrate Plus Crabgrass Control [Killer]

For [use on] lawns

Kills Over 200 Lawn Weeds plus [including] Crabgrass [in one easy step.

Guaranteed [Results]

See Ortho.com for complete Spanish Translation.

NOTICE: Buyer assumes all risks of use, storage, or handling of this product not in accordance with directions

Kills Major [Lawn] Broadleaf Weeds

**For ORTHO Weed-8-Gon MAX Plus Crabgrass Control [Killer] Singles:**

NET 5 FL.OZ.

Pre-Measured Concentrate Bottles

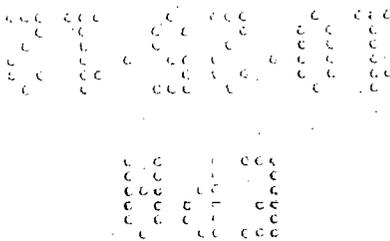
Treats 5,000 sq.ft.

No Measuring, No Mess

Weed-B-Gon® Max™ Singles makes using concentrates easier than ever. No more measuring and no more mess. Mix (contents) (each pre-measured bottle) with two gallons of water to deliver consistent results. And its' revolutionary formula won't harm your lawn - Guaranteed.

Designed for tank sprayers

1 bottle makes 2 gallons



LABEL HISTORY

File Name	Revision	Comments
000228-00XXX.20111010.NUP-11032.DRAFT	RV101011	New Draft Label
000228-00XXX.20120101.NUP-11032.DRAFT	RV010112	New Draft Label
000228-00XXX.20120111.NUP-11032.DRAFT	RV011212	New Draft Label
000228-00XXX.20120319.Panther.DRAFT	RV031912	New Draft Label
000228-00TRA.20121001.Panther.DRAFT	RV100112	Changes per EPA Review
000228-00TRA.20121011.Panther.DRAFT	RV101112	Changes per EPA Review
000228-00716.20121011.MASTER	RV101112	EPA SAL
000228-00716.20121024.EPA Notification (PBNC)	RV102412	EPA Notification (PBNC)

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